TWELFTH ANNUAL REPORT

1967

INFANT

and

NEONATAL MORTALITY

and

STILLBIRTH RATES

by

PREPARED BY:

MONTANA STATE DEPARTMENT OF HEALTH

DIVISION OF CHILD HEALTH SERVICES
DIVISION OF RECORDS AND STATISTICS

-AND-

MONTANA MEDICAL ASSOCIATION

MATERNAL & CHILD WELFARE COMMITTEE

MONTANA HOSPITALS

HELENA, MONTANA

'3J East Lyndale Avenue Helena, Montana 59601



FOREWARD

TO: Hospital Administrators, Medical Staffs, and Nurses

This is the 1967 report of infant and fetal mortality rates of Montana hospitals. The figures in this report were taken from birth and death certificates reported to the State Department of Health, Division of Records and Statistics.

In 1967 there were 11,974 births in Montana by place of occurrence. There were 202 meanatal deaths, with a rate of 16.9 per 1,000 live births. There were 146 stillbirths, with a rate of 12.2 per 1,000 live births. Perinatal deaths numbered 348, with a rate of 29.1 per 1,000 live births.

This report allows each hospital to see where it stands in relation to other Montana hospitals, and it may indicate a need for evaluation of services to insure improvement in the future.

Division of Child Health Services of the Montana State Department of Health

and

Maternal and Child Welfare Committee of the Montana Medical Association

175 DCHS = MSDH 6/25/68

Chart #1
GENERAL HOSPITALS
(100 beds or more)

Montana = 1967

Total Live Births 1967	Total Live Births 1966	rive Prematures			Number of Deaths					Rate Per 1,000 Live Births				
		No.	0/0	Infant	1-12 months	Neo= natal	Still= births	62	Infant	1-12 months	Neo- natal	Still- births		
5,110	5,422	413	8.1	101	18	83	71	154	19,8	3.5	16.2	13,9	30.1	
854	931	89	10,4	20	5	15	14	29	23.4	5.9	17.6	16.4	34,0	
754	721	57	7.6	14	1	13	10	23	18.6	1.3	17.2	13,3	30,5	
736	778	51	6.9	16	1	15	7	22	21.7	1.4	20 . 4	9,5	29.9	
733	791	46	6.3	15	3	12	6	18	20.5	4.1	16.4	8,2	24.6	
579	631	54	9.3	16	5	11	5	16	27.6	8.6	19.0	8.6	27.6	
554	608	55	9.9	7	2	5	14	19	12.6	3.6	9.0	25,3	34,3	
465	462	23	4,9	7	1	6	5	11	15.1	2.2	12.9	10.8	23.7	
265	306	21	7.9	1	0	1	3	4	3,8	0.0	3.8	11.3	15,1	
170	194	17	10.0	5	0	5	7	12	29,4	0.0	29,4	41.2	70.6	

Chart #2 INTERMEDIATE GENERAL HOSPITALS (40 - 99 beds)

Montana - 1967

Total Live Births 1967	Total Live Births 1966	(S.K. Africanski, per Africans	natures		Number	of Deat	hs		Rate Per 1,000 Live Births				
	and the state of the	NO 3		Infant			Still- births	natal	In fant	1-12	Neo- natal	Still- births	Peri- natal
3 , 189	3 g 2 2 1	208	annalisa di antico con internativa canana	for the color and reading and recovery and and an extension and an extensi	ether it death wet terribuseder per hol ver	54	32e	skaantali is rosia waterniisiinnee centa 80	net metriconecen el los successimente o 18 o 8	I, D	16.9	$10{}_{\odot}0$	27,0
496	489	aliberasionale remission en la suita esta 35	7 . 1	and the second s		Managan Row III Capacin Andrew M	rriben tiltalin skiver skynningen dalphenskjamilister a Fred avs	I ()	TO ce I	tri torracionertessanicatriseri	10,1	$10{ m s}$ 1	20 , 2
414	437	29	7.0	9	2	7	4	11	21.7	4 . 8	16.9	9,7	26 . 6
242	225	9	3 , 7	3	0	3	1	4	12,4	0.0	12.4	4.1	16.5
219	213	16	7.3	6	0	6	1	7	27.4	0.0	27.4	4.,6	32.0
218	201	14	6.4	5	1	4	1	5	22,9	4.6	18.3	4.6	22.9
204	226	12	5,9	6	0	6	5	11	29,4	0.0	29.4	24,5	53,9
202	194	5	2.5	1	1	0	3	3	5,0	5.0	0.0	14.9	14.9

Chart #2 INTERMEDIATE GENERAL HOSPITALS (40 = 99 beds)

Montana - 1967 (continued)

Total Live Births 1967	Live Live Prematu Births Births				Number	of Deat	hs	Rate Per 1,000 Live Births					
it om it fall de state de sta State de state de st		No.	0/0	Infant	1-12 months	Neo- natal	Still= births		Infant	1-12 months	Neo- natal		Peri- natal
175	192	16	9.1	4	0	4	2	6	22.9	0.0	22,9	11.4	34.3
168	199	11	6.5	3	0	3	2	5	17.9	0.0	17,9	11.9	29,8
167	164	13	7.8	0	0	0	2	2	0.0	0.0	0.0	12.0	12 , 0
166	167	10	6.0	2	0	2	0	2	12.0	0.0	12.0	0.0	12.0
142	100	7	4.9	5	1	4	1	5	35,2	7.0	28,2	7.0	35,2
135	180	10	7,4	2	0	2	0	2	14.8	0.0	14.8	0.0	14.8
130	112	10	7.7	5	1	4	4	8	38,5	7.7	30,8	30,8	61.5
111	122	11	9,9	4	0	4	1	5	36.0	0.0	36.0	9.0	45.0

Chart #3 SMALL GENERAL HOSPITALS (10 = 39 beds)

Montana - 1967

Total Live Births 1967	Live Live Births Births		atures	Number of Deaths					Rate Per 1,000 Live Births				
COME, POST ASSECTABLE CO. THE SEASON STORY		No.	0/0	Infant	1-12 months	Neo- natal	Still- births	8		1-12 months	Neo- natal	Still- births	
3 , 488	3,669	244	7.0		1, 2		3 7	96	20.4	3,4	16,9		27.5
552	552	45	8.2	8	0	8	4	12	14.5		14.5	7 , 2	21,7
455	399	36	7.9	10	1	9	4	13	22.0	2.2	19.8	8.8	28.6
240	235	10	4.2	4	2	2	0	2	16.7	8,3	8.3	0.0	8.3
230	224	17	7,4	4	0	4	4	8	17.4	0.0	17.4	17,4	34,8
203	299	14	6.9	6	2	4	1	5	29,6	9.9	19.7	4.9	24.6
162	159	8	4.9	4	3	1	1	2	24.7	18,5	6.2	6,2	12.3
162	144	9	5.6	2	0	2	4	6	12.3	0.0	12,3	24.7	37.0
130	150	11	8,5	5	0	5	5	10	38,5	0.0	38,5	38,5	76.9
99	108	7	7.1	1	0	1	2	.3	10.1	0.0	10.1	20,2	30,3

Chart #3
SMALL GENERAL HOSPITALS
(10 = 39 beds)

Montana - 1967 (continued)

Total Live Births 1967	Total Live Births	Pren	atures	Marchaell (1905) (Marchaell Christian Christia	Number	of Deat	hs		Rate Per 1,000 Live Births				
erfage of Comment of the Committee of th					l-12 months	Neo- natal	Still= births		In fan C	1 = 12 months	Nec-	Still= births	
89	109	6	6.7	2	1	100	0	1.	22,5	11.2	11,2	0.0	11.2
88	93	6	6.8	Pard pard	0	geod.	2	3	11,4	0.0	11.4	22.7	34.I
85	97	ang g	8,2	2	0	2	0	2	23,5	0.0	23.5	0.0	23.5
80	82	9	11.2		Tigg Laboratory	0	4	4	12.5	12,5	0.0	50.0	50.0
63	75	6	9,5	5	0	5	1	6	79,4	0.0	79.4	15.9	95.2
59	58	3	5.1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
58	58	2	3.4	1	0	1	1	2	17.2	0.0	17.2	17,2	34,5
57	66	2	3.5	0	0	0	1	1	0.0	0.0	0.0	17,5	17.5
56	59	3	5.4	1	0	1	0	1	17.9	0.0	17.9	0.0	17.9
53	63	1	1.9	1	0	1	1	2	18.9	0,0	18.9	18.9	37.7

Chart #3
SMALL GENERAL HOSPITALS
(10 = 39 beds)

Montana - 1967 (continued)

Total Live Births 1967	Total Live Births	P re n	natures		Numbe	er of De	eaths		Rate Per 1,000 Live Births					
	r e e de la companya	NO o	0/0	Infant	1-12 months	Neo- natal	Still- births		Infant	1-12 months	Neo- natal	Still= births		
52	52	a 'y naganaran (marine 1272-142) iliana situan	5,8	0					0.0	0.0	0.0	19.2	19,2	
52	61	6	11.5	1	0	,A	0	1	19.2	0.0	19.2	0.0	19.2	
51	50	3	5.9	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
44	45	1	2.3	9	0	The state of the s	0	1	22.7	0.0	22.7	0.0	22.7	
40	47	4	10.0	1	0	7	0	Projection of the control of the con	25,0	0.0	25.0	0.0	25.0	
38	42	5	13,2	2	0	2	0	2	52.6	0.0	52.6	0.0	52,6	
35	28	2	5.7	0	0	0	0	0	0.0	0 . 0	0.0	0.0	0.0	
35	40	1	2.9	1	0	1	0	1	28.6	0.0	28,6	0.0	28.6	
34	31	1	2,9	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	

Chart #3 SMALL GENERAL HOSPITALS (14 beds as of 9-11-67)

Montana - 1967 (continued)

Total Live Births 1967	Total Live Births 1966	Pres	natures		Number	r of Dea	ths		Rate Per 1,000 Live Births					
	on the control of the	No.		In fart	1-12 months	Neo- natal	Still- births		Infant	1-12 months	Neo- natal	Still- births		
29	47		3.4	0	()			Citiza de Pala a sala de en en esta de las colonidar compagnica para e la	0.0	0.0	0,0		0.,0	
26	3.5	5	19,2	1	0	1	grows of	2	38,5	0.0	38.5	38,5	76.9	
26	22	2	7.7	0	0	Ü	0	0	0.0	0.0	0 , 0	0.,0	0,0	
24	19	2	8.3	2	1	· · · · · · · · · · · · · · · · · · ·	0	499 15 30s	83,3	41.7	41,7	0.0	41,7	
21	35	3	14.5	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
19	29	and the same of th	5.3	3	1	2	0	2	157,9	52.6	105.3	0.0	105,3	
18	20	0	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
12	22	1	8.3	Total and the second se	0	1	0	7	83.3	0.0	83.3	0.0	83.3	
11	14	1	9.1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	

Chart #4 COMMUNITY FACILITY (Under 10 beds)

Montana - 1967

Total Live Births 1967	Total Live Births 1966		atures		Numb	eaths		Rate Per 1,000 Live Births					
		No.	0/0	Intent	l=12 Months		Still- births	natal		months	natal	Still- births	
101	ne titl helle stelle stelle seele seele stelle stelle stelle seele seele seele seele seele seele seele seele s	tra di la tributa e en città di illuser e una pri di diversi di una esta e e e e e e e e e e e e e e e e e e e	7.9	0	0	0	Za	2	maner-ment, mer ticcut til til tilbe ver jener i trysen (i) (i) (i) (i) (ii) (inner per Urlam-Villy (stilly og dagen i var gala skirk villy)	0.0	0.0	19.8	
29		n Villigen mill Zoon is A servicio di marini di provincia de Libero e di consent e di Sono di Consenti e di Sono di So	13,8				ikilinen kiteroron tilaksilläksisistä vastuvava elimentiin muute 		0.0	0.0	0,0	0 , 0	0.0
29	26	9 2	7.04	0	G	0	0	0	0.0	0.0	0.0	0.0	0.0
20	22	** 5	15.0	Q.	Ç.	()	7	2	0.0	0.0	0.0	100.0	100,0
se; In 1	7	Ú	0.0		9	0	0	0	0.0	0.0	3.6	0.0	5.0
		Ð	0.08			3	24	0	0,6	r,v	4.0	0.0	0.0

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